GOVERNMENT OF INDIA
DRINKING WATER AND SANITATION
LOK SABHA

UNSTARRED QUESTION NO:3834
ANSWERED ON:08.12.2016
Mapping of Groundwater
Singh Dr. Krishn Pratap

Will the Minister of DRINKING WATER AND SANITATION be pleased to state:

(a) whether the Union Government has commenced the work on mapping of level of groundwater to get information regarding level-wise quality of water, its contamination level etc. so as to supply safe drinking water to the people and if so, the details thereof;
(b) whether there is delay in the said project and if so, the reasons therefor;
(c) the number of additional groundwater tube-wells proposed to be dug under the project, State/UT-wise; and
(d) the funds likely to be spent on mapping of groundwater and the names of the agencies which are likely to bear the expenditure therefor alongwith the ratio thereof?

Answer

MINISTER OF STATE FOR MINISTRY OF DRINKING WATER AND SANITATION
(SHRI RAMESH CHANDAPPA JIGAJINAGI)

(a) The Ministry of Drinking Water and Sanitation has got prepared 4,898 ground water prospect maps or hydro-geo-morphological (HGM) maps throughout the country utilizing the services of National Remote Sensing Centre (NRSC), Indian Space Research Organization, Hyderabad and distributed them to the States/UTs. These maps could be utilized to locate correct locations both for prospective production wells and ground water recharge sites. The Ministry has requested NRSC to insert water quality layer into these maps for which legacy data of water quality for pre-monsoon and post-monsoon season along with geo-coordinates have to be provided by the States /UTs to NRSC.

(b) These HGM maps with water quality layer has been completed in 3 States since water quality data had been submitted to NRSC. In the remaining States/UTs, the work is in various stages of preparation. Since preparation of water quality layer into HGM maps depends purely on submission of correct water quality data by the States, there is certain delay in completing these water quality maps.

(c) The State Departments/ Boards dealing with rural drinking water supply are the implementing agencies and depending upon need, they plan boring additional tube-wells. The Ministry does not implement any water supply scheme including digging of additional tube-wells.

(d) The total work of HGM maps and insertion of water quality map into the HGM maps has been divided into 4 phases and the total budget planned is Rs 82.30 crore. NRSC through the State counterparts like State Remote Sensing Application Centresare the implementing agencies and 100% Central Government funds are provided to NRSC by the Ministry in installments.

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